Index of Claims

| Appl | lication | /Control | No. |
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09/725,242

Examiner

Vanel Frenel

Applicant(s)/Patent under Reexamination

YOSHIOKA ET AL.

**Art Unit** 

3627

| <b>√</b> | Rejected |
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|          | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
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| 0 | Objected |

| Final             | Original |          |              | _        |          | Date         |          |          |          |          | Date Claim Date |          |          |                 |          |                 |          |  |                    | aim      | Date     |              |          |          |   |          |          |          |            |          |          |          |
|-------------------|----------|----------|--------------|----------|----------|--------------|----------|----------|----------|----------|-----------------|----------|----------|-----------------|----------|-----------------|----------|--|--------------------|----------|----------|--------------|----------|----------|---|----------|----------|----------|------------|----------|----------|----------|
| Final             | 2        |          | - 1          | - 1      |          |              |          |          |          |          |                 | -        |          |                 |          |                 |          | П  | $\neg$             | $\Box$   | 7        |              | _        |          | П   |          |          |          |            |          |          |          |
| <u>.</u>          | -=       | /0/      |              |          |          |              |          |          |          |          | <u> </u>        | i a      |          |                 |          |                 |          |  |                    |          |          | न            | ig.      |          |   |          |          |          |            |          |          | ì        |
|                   | ġ        | 3/16/07  | i            |          |          |              |          |          |          |          | Final           | Original |          |                 |          |                 |          |  |                    |          |          | Final        | Original |          |   |          |          |          |            |          |          | ì        |
| $\longrightarrow$ | 0        | 3        |              | -        |          |              |          |          |          |          |                 | 0        |          |                 |          |                 |          |  | ı                  |          |          | -            | 0        |          |   |          |          |          |            |          | ĺ        | ì        |
| - 1               | 3        | -        | 十            | 十        |          |              |          | Н        |          | $\dashv$ |                 | 51       |          | Н               |          | Н               | $\neg$   | $\dashv$   | -                  | -+       | ┪        | <b>—</b>     | 101      |          | H   | $\dashv$ |          | $\dashv$ | $\dashv$   | -        | -        |          |
| -+                | 6        |          |              | $\dashv$ | $\dashv$ | _            |          | $\vdash$ | $\vdash$ | $\dashv$ | -               | 52       |          | $\vdash$        | Н        | $\vdash$        | -        | $\dashv$   | -                  |          | $\dashv$ |              | 102      | _        | <del>                                     </del>  |          |          | $\dashv$ | $\dashv$   | -        | -        | —        |
| -+                | 1        | -        | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$     | -        | $\vdash$ | $\vdash$ | -        | -               | 53       | -        | $\vdash$        | Н        | Н               | -        | -  | -                  | -+       | $\dashv$ | $\vdash$     | 103      | _        | ┝╼┼   | $\dashv$ |          |          |            | -+       | -        | _        |
| -+                | -        |          | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$     | -        | Н        |          | $\dashv$ | -               | 54       | $\vdash$ | Н               | -        | -4              | $\dashv$ |  | -                  | +        | ╡        | $\vdash$     | 103      | _        | ┝╌┤   | $\dashv$ |          |          | $\dashv$   | -        | _        |          |
|                   |          | -        | -+           | ┰        | -        | $\dashv$     |          | Н        | $\dashv$ |          | -               | 55       | H        | Н               |          | $\vdash$        | $\dashv$ | -  | -                  | -+       | -        | -            |          | <u> </u> | ├─┤   | -        | $\dashv$ | $\dashv$ | $\dashv$   |          | _        |          |
| $\rightarrow$     | 6        | -        | $\dashv$     | $\dashv$ | -        | -            | _        | Н        | $\dashv$ |          | -               |          | H        | Н               | _        | Н               | -        | -  |                    |          | 4        | <u> </u>     | 105      |          | $\vdash$  |          |          |          | -          | -        | _        | _        |
|                   | - 🎖      |          | -            | +        |          |              | _        | Ш        | $\vdash$ |          |                 | 56       | -        | Н               |          | $\Box$          |          | $\dashv$   | -                  | _        | -        | <b>_</b>     | 106      |          | $\vdash \vdash$   | _        |          | _        |            | _        |          |          |
| $\rightarrow$     |          | $\dashv$ |              | $\dashv$ | -        |              | Н        | H        | $\dashv$ |          | -               | 57       | L        | Ш               | _        |                 | _        | $\dashv$   | -                  |          | 4        |              | 107      | _        | $\sqcup$  | _        |          | _        | _          | _        | _        |          |
|                   | ₿        | _        | _            | 4        | _        |              |          | Ш        |          | _        | ļ               | 58       |          | Ш               |          |                 |          |  | _                  | _        | 4        |              | 108      |          | $\sqcup$  |          | _        |          |            |          |          | <u> </u> |
|                   | •        |          |              | 4        | _        |              |          | Ш        |          |          | <u> </u>        | 59       |          | Ш               |          |                 |          | _  | _                  |          | _        |              | 109      |          |   |          |          |          |            |          |          |          |
| 1                 | 10       | =        |              | _        |          |              |          |          |          | _        |                 | 60       |          |                 |          |                 |          |  | $\perp$            |          | _        | L            | 110      |          |   |          |          |          |            |          |          |          |
|                   | 11       |          |              | $\perp$  |          |              |          |          |          |          |                 | 61       |          |                 |          |                 |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}}}}$ | $oldsymbol{\bot}$  |          |          |              | 111      |          | $oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}}}$ | ]        |          |          |            |          |          |          |
|                   | 12       | ]        |              | ·        |          |              |          |          |          | _]       |                 | 62       |          |                 |          |                 |          |  |                    | $\Box T$ | _]       |              | 112      |          | $\Box \top$   |          |          |          |            | $\neg$   |          |          |
|                   | 1β       |          | $_{\perp}$ T | _T       |          |              |          |          |          |          |                 | 63       |          |                 |          |                 | $\neg$   | $\neg$   | $\neg$             |          | 7        |              | 113      |          | П   |          |          |          |            | $\neg$   |          |          |
| 2                 | 14       | =        | $\neg$       | T        | $\neg$   |              |          |          |          |          |                 | 64       |          | П               |          |                 | $\Box$   | $\dashv$   | 寸                  | $\neg$   | 7        |              | 114      |          |   |          | $\neg$   | $\neg$   |            | $\dashv$ |          |          |
|                   | 15       |          |              | $\top$   | $\neg$   |              |          |          |          | T        |                 | 65       | Г        | П               | П        |                 | $\neg$   | 7  | $\dashv$           |          | 7        |              | 115      |          |   |          | $\dashv$ | _        | $\dashv$   | $\dashv$ | $\neg$   |          |
| 3                 | 16       | =        | $\neg$       | $\dashv$ | $\neg$   | $\neg$       |          |          |          | $\neg$   |                 | 66       | Т        | Н               | П        | H               | -        | 7  | $\dashv$           | $\top$   | 1        |              | 116      |          |   |          | -        | -        | -          | $\dashv$ |          | _        |
|                   | 17       | $\dashv$ |              | 寸        | 7        | $\neg$       |          | H        | $\Box$   | $\dashv$ |                 | 67       | $\vdash$ | $\vdash \vdash$ | Н        | $\vdash$        | $\dashv$ | $\dashv$   | $\dashv$           | $\dashv$ | ┪        |              | 117      | $\vdash$ | $\vdash$  | -        |          |          | _          | $\dashv$ |          |          |
|                   | 18       | $\dashv$ | -+           | +        | -        | $\dashv$     |          | H        |          |          | -               | 68       | $\vdash$ | -               | Н        | $\vdash$        |          | $\dashv$   | $\dashv$           | $\dashv$ | ┥        | $\vdash$     | 118      | -        | ╁╼╁   | $\dashv$ | -        | $\dashv$ | $\dashv$   | -        | $\dashv$ |          |
| -                 | 19       |          |              | -        |          | $\dashv$     | -        | Н        |          |          |                 | 69       |          | -               | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$   | $\dashv$           | $\dashv$ | $\dashv$ | $\vdash$     | 119      | -        | <del>  -  </del>  |          |          | $\dashv$ | $\dashv$   | -+       | _        | —        |
| $\longrightarrow$ | 20       | $\dashv$ | $\dashv$     | +        |          | -            | -        | Н        | $\vdash$ | -1       | _               | 70       |          | Н               | -        | -               | $\dashv$ | $\dashv$   | $\dashv$           | +        | -        | -            | 120      | _        | $\vdash$  | $\dashv$ | $\dashv$ | -        | -          | -        | _        | —        |
|                   | 21       |          |              | $\dashv$ | -        | $\dashv$     | $\vdash$ | $\vdash$ | $\vdash$ |          | -               |          | $\vdash$ | Н               | -        | Н               |          | 4  | $\dashv$           | +        | 4        | -            |          | _        |   |          | $\dashv$ | $\dashv$ | $\dashv$   | _        |          | _        |
|                   | 22       |          | -            | -        | -        | $\dashv$     |          | H        |          |          | -               | 71       | <u> </u> | -               | _        | Н               |          | $\dashv$   | -                  |          | -        | <u> </u>     | 121      | _        |   |          |          | $\dashv$ | $\dashv$   | -        |          | —        |
|                   |          | $\dashv$ | $\dashv$     | -        | -        |              | -        | Н        | $\Box$   |          | -               | 72       |          | Ш               | Ш        | -               | $\dashv$ | -  | $\dashv$           | $\dashv$ | 4        |              | 122      |          | $\sqcup$  |          |          | $\dashv$ | _          | 4        |          | _        |
|                   | 23       |          | . +          | _        |          |              | _        | Ш        | $\Box$   | _        |                 | 73       |          | Ш               | Ш        |                 | $\perp$  | _  | _                  | $\perp$  | 4        | L            | 123      |          | $\sqcup$  |          |          | $\Box$   | $\dashv$   | _        |          |          |
|                   | 24       |          | _            | _        |          | _            | _        |          | $\dashv$ | _        |                 | 74       |          | Ш               |          |                 | _        | _  |                    | $\perp$  | 4        | ļ            | 124      |          |   |          |          | _        | _          | _        | _        |          |
|                   | 25       |          | $\dashv$     | 4        |          | _            |          |          |          | _        |                 | 75       | _        |                 |          |                 |          | _  | _                  | $\perp$  | _        |              | 125      |          |   |          |          |          |            |          |          |          |
|                   | 26       |          |              | _        | _        | _            |          |          |          | _        |                 | 76       |          | Ш               |          |                 |          |  |                    |          | ╝        | L            | 126      |          | $\perp$   |          |          |          | $_{\perp}$ |          |          |          |
|                   | 27       |          |              |          | _        |              |          |          |          | _        |                 | 77       |          |                 |          |                 |          |  |                    |          |          |              | 127      |          |   |          |          |          |            |          |          | l        |
|                   | 28       |          |              | ┙        | _1       |              |          |          |          |          |                 | 78       |          |                 |          |                 |          |  |                    |          |          |              | 128      |          | $\Gamma$  |          |          |          | $\neg$     | П        |          |          |
|                   | 29       |          |              |          |          | l            |          |          |          |          |                 | 79       |          |                 |          |                 |          |  |                    |          |          |              | 129      |          | П   |          |          |          | T          |          |          |          |
|                   | 30       |          |              | П        | $\neg$   | $\neg$       |          | П        |          |          |                 | 80       |          |                 |          |                 |          |  |                    |          |          |              | 130      |          |   |          |          |          | $\neg$     |          |          |          |
|                   | 31       |          |              | Т        | $\neg$   |              |          | Πİ       |          |          |                 | 81       |          |                 |          |                 |          | ı  | Î                  |          | 1        |              | 131      |          |   |          |          | $\neg$   | コ          | 一        |          | _        |
|                   | 32       |          |              |          | 7        | $\neg$       |          | П        | $\Box$   | $\neg$   |                 | 82       |          |                 |          |                 |          | 7  | 7                  | $\neg$   | 1        |              | 132      |          |   | $\neg$   |          | $\neg$   | 一          | 7        |          | _        |
|                   | 33       |          | -            | 丁        | 寸        |              |          | $\Box$   |          | $\neg$   |                 | 83       |          | $\Box$          |          |                 |          |  | 7                  | $\dashv$ | 7        |              | 133      |          | $\vdash$  |          | -        | $\neg$   | $\dashv$   | $\dashv$ | $\dashv$ |          |
|                   | 34       |          | $\neg$       | $\dashv$ | 7        | _            |          | $\Box$   |          | $\neg$   |                 | 84       | $\vdash$ |                 | $\vdash$ |                 | $\dashv$ | $\neg$   | 十                  | $\dashv$ | ┪ .      |              | 134      |          | $\vdash$  | $\neg$   | _        |          | $\dashv$   | $\dashv$ |          |          |
|                   | 35       | $\dashv$ | $\dashv$     | $\dashv$ | 寸        | $\dashv$     | -        | H        |          | $\neg$   |                 | 85       |          | $\vdash$        | $\vdash$ | $\vdash$        | $\dashv$ | -1   | _                  | $\dashv$ | ┪        |              | 135      | -        | $\vdash$  | $\neg$   |          | $\dashv$ | ┪          | +        |          |          |
|                   | 36       |          | $\dashv$     | $\dashv$ | -        | <del>-</del> | $\dashv$ | $\vdash$ |          | $\dashv$ |                 | 86       | $\vdash$ | H               | Н        | $\vdash$        | -        | -  | -+                 | $\dashv$ | ┥        | -            | 136      |          | $\vdash$  |          | $\dashv$ |          | $\dashv$   | $\dashv$ | $\dashv$ |          |
|                   | 37       | -        | +            | +        | $\dashv$ |              | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ |                 | 87       | $\vdash$ | $\vdash$        | $\vdash$ | $\vdash$        | -        | $\dashv$   | $\dashv$           | $\dashv$ | ┥        | -            | 137      | _        | $\vdash \vdash$   | $\dashv$ |          |          | $\dashv$   | -        | $\dashv$ |          |
|                   | 38       | $\dashv$ | -+-          | +        | $\dashv$ | <del>-</del> | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | -               | 88       | -        | $\vdash\vdash$  | $\vdash$ | $\vdash$        | -        | $\dashv$   | -+                 |          |          | -            |          | <u> </u> | ┝   |          |          | $\dashv$ |            |          | $\dashv$ |          |
|                   | 39       | $\dashv$ | +            | ┽        | $\dashv$ | $\dashv$     |          | $\vdash$ | $\dashv$ | $\dashv$ | -               | 89       | Н        | $\vdash$        | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$   | -                  |          | $\dashv$ | $\vdash$     | 138      | <u> </u> | $\vdash$  | -        |          |          | $\dashv$   | -        |          | _        |
|                   | 40       | $\dashv$ | +            | +        | -+       | -            |          |          | $\dashv$ | $\dashv$ | -               |          | $\vdash$ | $\vdash$        | $\vdash$ | $\dashv$        |          | $\dashv$   | -                  | $\dashv$ | -{       |              | 139      | <u> </u> | $\vdash$  |          |          | _        |            |          | $\dashv$ |          |
|                   |          |          | -            | +        | -        |              | $\dashv$ | $\sqcup$ | $\Box$   | $\dashv$ |                 | 90       | Щ        | $\vdash \vdash$ | $\vdash$ | $\square$       |          | -4   |                    |          | 4        |              | 140      | <u> </u> | $\vdash \vdash$   |          |          |          |            |          |          |          |
|                   | 41       |          | +            | +        | 4        | _            | $\dashv$ |          |          |          | -               | 91       | Н        | $\vdash$        | _        |                 | $\dashv$ | 4  | _                  | -        | 4        | $\vdash$     | 141      | _        | $\vdash \dashv$   | _        |          | _        |            | _        |          |          |
|                   | 42       |          | $\perp$      | +        | _        | _            |          | $\sqcup$ | $\sqcup$ | _        | <u> </u>        | 92       | Щ        | $\sqcup$        | Щ        | $\Box$          |          | _  | _                  |          | 4        |              | 142      |          | Ш   |          |          |          |            | _ļ       |          |          |
|                   | 43       | _        | $\perp$      | 4        | _        | _            |          | Ш        |          | _        | <u> </u>        | 93       | Ш        |                 | Ш        |                 |          | _  |                    |          | _        |              | 143      |          |   |          |          |          | !          |          |          |          |
|                   | 44       |          |              | $\perp$  | _        |              |          | Ш        |          | _        |                 | 94       | Ш        | Ш               |          |                 |          |  | $\perp \downarrow$ |          | _        |              | 144      |          |   |          |          |          |            |          |          |          |
|                   | 45       | [        |              | $\perp$  |          |              |          |          |          |          |                 | 95       |          |                 |          |                 |          |  | $\Box$             | T        |          |              | 145      |          |   |          |          |          |            |          |          |          |
|                   | 46       |          |              | T        | $\neg$   | $\neg$       |          |          |          |          |                 | 96       |          | $\sqcap$        |          |                 | $\neg$   | $\neg$   | $\neg$             |          |          |              | 146      |          |   |          |          |          |            | 寸        |          |          |
|                   | 47       | $\neg$   |              | $\top$   | $\neg$   | $\neg$       |          |          | $\dashv$ | $\neg$   |                 | 97       | П        | $\Box$          |          |                 | $\dashv$ | 7  | $\neg$             |          | 1        |              | 147      |          | $\vdash$  | $\neg$   | $\dashv$ | - 1      | $\neg$     | _        |          |          |
|                   | 48       | 寸        | $\dashv$     | $\top$   | _        | 7            |          | $\dashv$ | 7        | $\neg$   |                 | 98       | П        | H               |          |                 | 十        | $\dashv$   | _                  | $\dashv$ |          |              | 148      | -        | $\vdash$  | $\neg$   |          |          | 一          | $\dashv$ | $\neg$   |          |
|                   | 49       | $\neg$   |              | 十        | $\dashv$ | $\neg$       | -        | $\dashv$ | $\dashv$ | $\dashv$ | -               | 99       | Н        | $\dashv$        |          |                 | +        | $\dashv$   | 十                  | $\dashv$ | 1        |              | 149      | -        | $\vdash$  | $\dashv$ |          | $\dashv$ | $\dashv$   | $\dashv$ | $\neg$   |          |
|                   | 50       |          | 一十           | +        | 7        | $\dashv$     | -        | $\dashv$ |          | $\dashv$ | <b></b>         | 100      | Н        | ┝─┤             |          | $\vdash$        | $\dashv$ | $\dashv$   | ┰┼                 | $\dashv$ | 1        | <del> </del> | 150      | -        | $\vdash$  | $\dashv$ |          | $\dashv$ |            | $\dashv$ | $\neg$   |          |